| Inde | x of | Clai | ms |
|------|------|------|----|
|      |      |      |    |

| Application No.   | Applicant(s)                 |  |
|-------------------|------------------------------|--|
| 10/685,598        | SANNIKKA, MARTTI<br>JOHANNES |  |
| Examiner          | Art Unit                     |  |
| Andrea M. Valenti | 3643                         |  |

|   | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| 3 | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |  |
|---|----------|--|
| 0 | Objected |  |

|           |          |          |          |          |          |          |            |                 |          |          |                |                        |           |          |  |          |                |           |            |          |           | _        | _          |            | J          |          |          |  |          |          |          |                   |          |          |
|-----------|----------|----------|----------|----------|----------|----------|------------|-----------------|----------|----------|----------------|------------------------|-----------|----------|--|----------|----------------|-----------|------------|----------|-----------|----------|------------|------------|------------|----------|----------|--|----------|----------|----------|-------------------|----------|----------|
| CI        | alm      | L        |          | <u> </u> |          | Di       | ate        |                 |          |          | ]              | C                      | aim       | Ι        |  |          |                | Da        | te         |          |           |          | ]          |            | lalm       | T        |          |  |          | Da       | te       |                   |          |          |
| Final     | Original | 2/1/2    | 2/11/27  |          |          |          |            |                 |          |          | ·              | Final                  | Original  |          |  |          |                |           |            |          |           |          | ].         | Final      | Original   |          |          |  | I        |          |          |                   |          |          |
|           | O        | 1        | 1        | Ι        | I        | 1        |            | I               | I        | $\perp$  | ]              |                        | 51        | T        |  | T        | 1              | $\top$    | $\top$     | 1        | †         | 十        | 1          | $\vdash$   | 10         | 十        | +        | +                                      | ╁        | ╁        | ╁        | 十                 | 十        | ╁╴       |
| _         | 2        | Þ        | 4        | L        |          | L        | L          | $\perp$         | L        | L        | ]:             |                        | 52        | Ι        | T  |          | Т              | Т         | L          | T        | I         | T        | ٦.         |            | 102        |          | 十        | 1                                      | t        | 十        | +        | 十                 | +        | †        |
| <b>—</b>  | 3        | 1        |          | +        | 4        | 4        | 4          | 4               | ╀        | 1        | ŀ.             | <u> </u>               | 53        | ╀        | ┸  |          | L              |           | oxdot      | L        |           | I        | ]:         | ·C         | 103        |          |          |  | 1        | I        | T        | T                 | ⇈        | $\vdash$ |
| -         | 5        | ~        |          | ╀        | +        | ╀        | ╀          | +               | +        | +        | 47             | <u> </u>               | 54        | ╄        | ╀  | 1        | 1              | $\perp$   | ┺          | L        | L         | ┸        | 1          | <u>L</u>   | 104        |          | $\perp$  |  | oxdot    | $\Gamma$ | I        | oxdot             | Π        |          |
| $\vdash$  | 6        | 1        | #-       | ┿        | ╫        | ╁        | ╀          | +               | ╀        | ╀        | ∄∴             | <u> </u>               | 55        | 1        | ╄  | ╀        | ╀              | ╀         | 1          | ↓_       | 4_        | ╀        | 4.         | <u> </u>   | 105        |          | $\perp$  |  |          | L        | L        |                   |          |          |
| $\vdash$  | 7        | ۲        |          | ╁        | ╫        | ┿        | ╁          | ╫               | ╫        | ╁        | ┨.             | <del> </del>           | 56<br>57  | ╁        | ╀  | ╁        | ╀.             | +         | ╀          | 1        | ╂-        | ╀        | ┨,         | <u> </u>   | 100        |          | ┸        | 4-                                     | 1        | ↓_       | Ļ.       | ╄                 | L        | L        |
|           | 8        | Ŭ        |          | 十        | +        | ╅        | ╅          | ┿               | ╈        | ╆        | ١.             | <del> </del>           | 58        | ╁        | ╁  | ╀        | ╫              | ╁         | ╁          | ┨        | ╀         | ╀        | -∤∙        | -          | 107        |          | +        | ╄                                      | ╀        | ╀-       | ╀        | ╄                 | 上        | ╄        |
|           | 9        | V        |          | T        | +        | +        | 十          | +               | +        | ╈        | 1              | $\vdash$               | 59        | 十        | ╁  | +-       | ╁              | ╁         | ╁          | ╁        | ┢         | ╀        | ⊹.         | $\vdash$   | 108        |          | ╀        | +-                                     | ╀        | ╀        | ╀        | ╀                 | ⊢        | ⊢        |
|           | 10       | V        | 1        | T        |          | $\top$   | 1          | 1               | 1        | $\top$   | 7:             |                        | 60        | t        | 1  | 1        | 1              | †-        | 十          | H        | ╁╴        | +        | <b>∮</b> ∴ | ┢          | 110        |          | ╁        | +-                                     | ╁╴       | ╀        | ╀        | ╂─                | ⊢        | ⊢        |
|           | 11       | V        | 1        | Ι        | Τ        | Τ        | $\top$     | T               |          |          | 1.             |                        | 61        | T        | †-   | 1        | 十              | 1         |            | ┪        | t         | ✝        | 1          | $\vdash$   | 111        |          | ╈        | ╁╴                                     | +        | ╁        | ╁        | ╆                 | ⊢        | Н        |
| <u></u>   | ख        | 2        | $\perp$  | L        | $\perp$  | Τ        |            | $\perp$         | $\Gamma$ | T        | ] .            |                        | 62        |          |  |          |                |           |            |          |           | Τ        | 1          |            | 112        |          | +        | 十                                      | $\vdash$ | 1        | 1-       | +                 | H        | Н        |
| <u></u>   | 13       | 1        | 1        | $\perp$  | 1        | 1        | 1          | 1               | L        | L        | ١.             |                        | 63        |          |  |          | L              |           |            |          | Г         | Γ        | ]          |            | 113        |          | T        |  | T        | 1        | T        | 1                 |          | Н        |
| _         | 14       | ┢        | +        | +        | +        | ╀        | +          | -               | $\perp$  | $\perp$  | ļ              |                        | 64        | L        | $\perp$  | L        | L              | $\perp$   | 匚          |          |           |          | ] :        |            | 114        | Т        | $\Gamma$ | I                                      |          |          |          | П                 | Г        | П        |
| <b>-</b>  | 15<br>16 | F        | 7        | ╀        | ╀        | ╀        | ╁          | ┿               | ╀        | ╄        |                | $\vdash$               | 65        | L        | ┺  | 1_       | L              | ↓_        | L.         | <u> </u> | L         | L        |            |            | 115        |          |          | $\Gamma$                               |          | Г        | Г        |                   |          | П        |
| -         | 17       | ⊢        | ╄        | ╁        | ╀        | 1        | ╀          |                 | ╀        | ╀        |                | $\vdash$               | 66        | ┞-       | 1  | ┞-       | <del> </del> _ | ╄         | _          | L.       | ┖         | _        | i :        | <u> </u>   | 116        | 1        |          |  |          |          |          |                   |          |          |
|           | 18       | ┢        | ╆        | ╁        | ┿        | ┿        | ╫          | +               | ╁        | ╁        | ŧ              | $\vdash$               | 67<br>68  | ⊦        | ╀  | ┞        | Ͱ              | ╀         | <b>!</b> — | ⊢        | <u> </u>  | ┡        | ۱.         |            | 117        | 1        | ╙        | 1_                                     | L        |          | L        |                   |          |          |
|           | 19       | H        | ╁        | ╆        | ╆        | ╁╴       | ┿          | ┿               | ╁        | ╁        | <b>∮</b> ∶,    | $\vdash \vdash \vdash$ | 69        | ⊢        | ╂ー   | ١        | ⊢              | ╂-        | L          | ⊢        | ┡         | ⊬        | ŀ          | <u> </u>   | 118        | ↓_       | ↓_       | ┺                                      | L        | L        | L        | Ш                 |          | Ш        |
|           | 20       | H        | ╁        | t        | 十        | 十        | ╁          | +               | ╁╴       | +        | 10             | $\vdash$               | 70        | ⊢        | ╁  | ╌        | ⊢              | ⊢         | $\vdash$   | ⊢        | ⊢         | ⊢        |            | <u> </u>   | 119        | ╀╌       | ╂-       | ╀                                      | <b> </b> | ┞-       | ⊢        | Ш                 |          | Ш        |
|           | 21       |          |          | T        | Τ        | 1        | $\top$     | 1               | T        | 1        | 1              | $\vdash$               | 71        | ┪        | <del>                                     </del> | ┢        | H              | $\vdash$  |            | -        | ⊢         | ╁        | 1          | <u> </u>   | 121        | ╁╾       | ╀        | ╀                                      | ⊦-       | ⊢        | ⊢        | ₽                 | Ш        | Н        |
|           | 22       |          |          |          |          | 1        |            | $\top$          | 1        | Т        | 1              |                        | 72        | 1        | t  | ┢        | 一              | ┢         | Н          |          | -         | ┢┈       |            | <u> — </u> | 122        | ╀        | ╂╌       | ┼-                                     | ├-       | ╌        | $\vdash$ | ┦                 | $\vdash$ | Н        |
|           | 23       |          |          | L        |          | L        | L          |                 |          |          |                |                        | 73        |          | Г  | Г        | i              |           |            |          |           | ┢        | ١.         | $\vdash$   | 123        | ╁        | +-       | ┢                                      | $\vdash$ | -        | ⊢        | Н                 | H        | $\dashv$ |
| $\square$ | 24       |          | L        | L        | L        | L        | L          |                 |          |          | ١.             |                        | 74        |          |  |          |                |           |            |          |           |          | 1          |            | 124        | T        | ✝        | ┢                                      | ┢        | ┢        | ╁        | Н                 | $\vdash$ | $\dashv$ |
| $\vdash$  | 25       | _        | ┞-       | ⊢        | ╄        | ↓_       | ╀          | 丰               | ↓_       | ╄        |                |                        | 75        |          |  |          |                |           |            |          |           |          | ] :        |            | 125        | Т        |          | $\vdash$                               | $\vdash$ | ┪        |          | Н                 |          | $\sqcap$ |
| $\vdash$  | 26<br>27 | <u> </u> | ⊢        | ┞        | 1        | ╁-       | ╀-         | ╀               | ╀        | ┞        |                |                        | 76        | ļ        | Щ  | L.,      | L.             | L         | Ш          |          |           |          | ]          |            | 126        |          |          |  |          |          |          | П                 |          | $\Box$   |
| $\vdash$  | 28       | -        | ⊢        | ├-       | ⊢        | ╀╌       | ╀╌         | ╀               | ⊢        | ⊢        |                |                        | 77        | <u> </u> | $\sqcup$   | L        | _              |           |            |          |           | L        | ļ. ·       |            | 127        |          |          |  |          |          |          |                   |          |          |
| $\vdash$  | 29       | _        | $\vdash$ | ┝        | ┨-       | ┞        | +-         | ╁╾              | ┢        | $\vdash$ |                |                        | 78<br>79  | $\vdash$ | Н  | H        | <u> </u>       | Н         | $\dashv$   | _        | Ш         | L        | ::         |            | 128        | _        | 1_       | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ |          |          |          | $\Box$            |          |          |
|           | 30       | -        | $\vdash$ | -        | ╁        | 1-       | +          | ╁╌              | ┝        | ╌        |                | -                      | 80        | _        | Н  | -        | Η,             | Н         | _          | $\dashv$ | Ш         | L        |            | <u> </u>   | 129        | ┡        | <u> </u> | L                                      |          | Ш        | L        | Ш                 | $\Box$   |          |
| $\Box$    | 31       |          |          |          | 一        | ┢        | t          | 1               | Н        | 1-       | ľ              | -                      | 81        |          | Н  | Н        | H              | Н         |            | $\dashv$ | Н         | <u> </u> |            | -          | 130<br>131 | ⊢        | ┝        | Н                                      |          |          | _        | Н                 |          | _        |
|           | 32       |          | Г        | Г        | Г        | 1        | $\top$     | Т               | Г        | T        | .              |                        | 82        |          | Н  | H        |                | Н         | $\dashv$   | $\dashv$ |           | Н        | , :        | -          | 132        | ╌        | -        | Н                                      | -        | Н        | Щ        | ⊢                 |          | 4        |
|           | 33       |          |          |          |          |          |            |                 |          |          |                |                        | 83        |          | П  |          |                | Н         | $\dashv$   | ┪        |           |          |            |            | 133        | ⊢        | H        | Н                                      | $\vdash$ | Н        |          | $\vdash$          | ⇥        |          |
| ⊢⊣        | 34       |          | Ц        | L        |          |          |            | $\Box$          |          |          |                |                        | 84        |          |  |          |                |           |            | _        | $\exists$ |          |            |            | 134        | $\vdash$ |          | Н                                      |          | $\vdash$ | Н        | $\dashv$          | +        | $\dashv$ |
|           | 35       | _        | Ш        | <b> </b> | ┞        | L        | <b>├</b> - |                 | _        | L_       |                | $\Box$                 | 85        |          |  |          |                |           |            |          |           |          | ارا        |            | 135        |          |          | М                                      | $\dashv$ | $\dashv$ | Н        | $\sqcap$          | 一        | $\dashv$ |
| ┝╼┤       | 36<br>37 | -        | Н        | <u> </u> | -        | -        | $\vdash$   | $\vdash$        | $\vdash$ | $\vdash$ |                |                        | 86        |          | $\sqcup 1$                                       |          |                | Ц         | J          | $\Box$   |           |          |            |            | 136        |          |          |  |          |          |          | 一                 | 7        | $\dashv$ |
| ┝╼┤       | 38       | -        | Н        | $\vdash$ | -        | ⊢        | $\vdash$   |                 | -        | H        |                |                        | 87        | 4        |  | _        | 4              | $\sqcup$  | _          | 4        | _         |          |            |            | 137        |          |          |  |          |          |          |                   | 丁        | $\Box$   |
| $\vdash$  | 39       | ᅱ        | Н        | -        | -        | $\vdash$ | 1          | $\vdash$        | $\vdash$ | H        | · }            |                        | 88<br>89  | -        | -  | -        | _              | $\dashv$  | -          | 4        | 4         | 4        | ÿ.         |            | 138        |          | Ш        |  | $\Box$   |          |          | J                 | $\Box$   |          |
|           | 40       | $\dashv$ | Н        | _        |          | $\vdash$ | $\vdash$   | H               | Η.       | Н        |                |                        | 90        | $\dashv$ | -  | ᅱ        | $\dashv$       | $\dashv$  | -+         | 4        | {         | 4        |            |            | 139        |          | Щ        | Щ                                      | 4        |          |          | $oldsymbol{\bot}$ | $\Box$   | _]       |
|           | 41       |          |          |          |          | Т        | 1          | H               | H        | Н        | . 4            |                        | 91        | -        | $\dashv$   | -        | ᅱ              | ┥         | -          | +        | -         | $\dashv$ | , ;:       |            | 140        | Н        | Н        |  | 4        | 4        | 4        | _                 | 4        | _        |
|           | 42       |          |          |          |          |          |            |                 |          |          | . 1            |                        | 92        | -        | -  | 寸        | 1              | ┪         | 十          | +        | ┪         | $\dashv$ |            |            | 142        | Н        | $\vdash$ | $\dashv$                               | -        | -        |          | +                 | +        | $\dashv$ |
|           | 43       |          |          |          |          |          |            |                 |          |          | ा              |                        | 93        | 寸        | _  | $\dashv$ | 7              | 一         | $\dashv$   | $\dashv$ | +         | ᅥ        | . 1        |            | 143        | Н        | $\vdash$ | $\dashv$                               | $\dashv$ | $\dashv$ | $\dashv$ | +                 | $\dashv$ |          |
|           | 44       | 4        | _        | _        | Ш        |          |            | Ш               |          |          |                |                        | 94        |          |  |          |                | ゴ         | 丁          | ⇉        | ╛         |          | -4         |            | 144        | Н        | $\vdash$ | 7                                      | 7        | ᅥ        | ┪        | $\dashv$          | $\dashv$ | $\dashv$ |
|           | 45       | 4        | 4        | 4        | Ш        |          | $\vdash$   | Щ               | _        |          |                |                        | 95        | $\Box$   | $\Box$   | $\Box$   | $\Box$         | $\Box$    | Ī          | $\Box$   |           |          |            |            | 145        |          | T        | 7                                      | 7        | 7        | 7        | +                 | +        | $\dashv$ |
|           | 46<br>47 | -        | -        | 4        | Н        |          | $\vdash$   | $\vdash \vdash$ |          | _        | ``-            |                        | 96        | 4        | $\Box$   | $\Box$   | $\Box$         | $\exists$ | Ţ          | T        | I         | $\Box$   |            |            | 146        |          |          | ゴ                                      | 丁        | _†       | _        | 士                 | 7        | ┪        |
|           | 48       |          | -        | $\dashv$ | $\dashv$ | -        | Н          | $\vdash \vdash$ |          | $\dashv$ | : . <b>.</b> } |                        | 97        | 4        | -  | 4        | 4              | -         | 4          | 4        | 4         | ╝        |            |            | 147        |          |          | $\Box$                                 |          |          | J        | 丁                 | ┱        | J        |
|           | 49       | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | Н          | $\vdash$        | $\dashv$ |          | ··ŀ            |                        | 98<br>99  | 4        | 4  | 4        | 4              | 4         | 4          | 4        | 4         | 4        | 1          |            | 148        |          | _[       | $\bot$                                 | Ţ        | $\Box$   | I        | $\bot$            | I        | 1        |
|           | 50       | 1        | 7        | $\dashv$ | $\dashv$ | ᅱ        | Н          | $\vdash$        | $\dashv$ | $\dashv$ | ∵⊦             |                        | 00        | +        | -+   | +        | +              | +         | +          | +        | +         | 4        | ٠,         |            | 149        |          | 4        | 4                                      | 4        | 4        | 4        | 4                 | $\perp$  | _        |
|           |          |          |          | _        |          |          | _          |                 |          |          | L              |                        | <u>~1</u> | _1       | 1  | _1       | _1             | ┸         |            | ᆚ        | Ц.        | ك        | . L        |            | 150        |          | 1        | L                                      |          | $\perp$  | $\perp$  |                   |          |          |